

cancel # B1  
characterized in that said aggregate (8) comprises solid bodies (9C, 9D, 9E, 9F) of different sizes.

8. (Amended) The damping structure as claimed in claim 1, characterized in that it additionally comprises at least one internal partition (13) which is arranged inside said internal cavity (2).

A2  
Sub B17  
10. (Amended) The damping structured as claimed in claim 8, characterized in that said internal partition (13) is as least partially solid.

11. (Amended) The damping structure as claimed in claim 8, characterized in that said internal partition (13) is as least partially pierced.

12. (Amended) The damping structure as claimed in claim 1, characterized in that said aggregate (8) additionally comprises a viscous liquid filling the spaces between said solid bodies (9).

13. (Amended) The damping structure as claimed in claim 1, characterized in that it is produced in the form of a pinion.

A3  
Sub B17  
16. (Amended) The damping structure as claimed in claim 14, characterized in that said structure (1) is elongate and in that said internal cavity (2) is formed longitudinally inside said elongate structure (1).

17. (Amended) The damping structure as claimed in claim 14, characterized in that at least some of said solid bodies (9) are hollow.

18. (Amended) The damping structure as claim d in claim 14, charact rized in that at least som of said solid bodies (9) are compact.

19. (Amended) The damping structure as claimed in claim 14, characterized in that said aggregate (8) comprises solid bodies (9A, 9B) made of different materials.

20. (Amended) The damping structure as claimed in claim 14, characterized in that said aggregate (8) comprises solid bodies (9C, 9D, 9E, 9F) of different shapes.

21.(Amended) The damping structure as claimed in claim 14, characterized in that said aggregate (8) comprises solid bodies (9C, 9D, 9E, 9F) of different sizes.

22. (Amended) The damping structure as claimed in claim 14, characterized in that said internal partition (13) has a tubular shape.

23. (Amended) The damping structure as claimed in claim 14, characterized in that said internal partition (13) is at least partially solid.

24. (Amended) The damping structure as claimed in claim 14, characterized in that said aggregate (8) additionally comprises a viscous liquid filling the spaces between said solid bodies (9).

25.(Amended) The damping structure as claimed in claim 14, characterized in that it is produced in the form of a pinon.

28. (Amended) The damping structure as claimed in claim 26,

characterized in that at least some of said solid bodies (9) are hollow.

29. (Amended) The damping structure as claimed in claim 26, characterized in that at least some of said solid bodies (9) are compact.

30. (Amended) The damping structure as claimed in claim 26, characterized in that said aggregate (8) comprises solid bodies (9A, 9B) made of different materials.

31. (Amended) The damping structure as claimed in claim 26, characterized in that said aggregate (8) comprises solid bodies (9C, 9D, 9E, 9F) of different shapes.

32. (Amended) The damping structure as claimed in claim 26, characterized in that said aggregate (8) comprises solid bodies (9C, 9D, 9E, 9F) of different sizes.

33. (Amended) The damping structure as claimed in claim 26, characterized in that it additionally comprises at least one internal partition (13) which is arranged inside said internal cavity (2).

AS Sub 35. (Amended) The damping structure as claimed in claim 32, characterized in that said internal partition (13) is at least partially solid.

36. (Amended) The damping structure as claimed in one of claim 32,

characterized in that said internal partition (13) is at least partially pierced.

37. (Amended) The damping structure as claimed in claim 26, characterized in that said aggregate (8) additionally comprises a viscous liquid filling the spaces between said solid bodies (9).

38. (Amended) The damping structure as claimed in claim 26, characterized in that said means (10) for closing off said internal cavity (2) comprise a rigid plate (11) which is constrained by an elastic element (12).

39. (Amended) The damping structure as claimed in claim 26, characterized in that it is produced in the form of a pinion.

41. (Amended) The suspension system as claimed in claim 40, characterized in that at least one of said suspension bars (15) comprises a damping structure (1) as specified in claim 1.

42. (Amended) A device for damping the vibrations of a vibrating component mounted on a support, characterized in that it comprises a damping structure (1) as specified in claim 1, which is arranged between said vibrating component (BTP) and said support (17).

43. (Amended) A device for damping the vibrations of a vibrating component comprising at least one hollow element, characterized in that said hollow element (15) is produced in the form of a damping structure (1) as specified in claim 1.